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PATENT
Docket No.: 801939/101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Lars Langemyr, Magnus Marklumd,
Arne Nordmark, Per-Olof Perrson, and
Magnus Ringh

Examiner:
Ayal I. Sharon

Serial No. : 09/675,778

Art Unit:
2183

Cnfrm. No. : 8229

Filed : September 20, 2000

For : METHOD FOR THE SPECIFICATION OF
AND AUTOMATIC DERIVATION OF THE
PARTIAL DIFFERENTIAL EQUATIONS
ASSOCIATED WITH THE COUPLED
PHYSICAL QUANTITIES IN A
MULTIPHYSICS PROBLEM

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.97-1.98

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02/14/2006 AWONDAF1 00000051 09675778

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Date: February 8, 2006

Respectfully submitted,

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known			
				Application Number		09/675,778	
				Filing Date		September 29, 2000	
				First Named Inventor		Langemyr et al.	
				Art Unit		2123	
				Examiner Name		Ayal I. Sharon	
Sheet	1	of	2	Attorney Docket Number		801939/101	

U.S. PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	U.S. Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)				
		US-				

FOREIGN PATENT DOCUMENTS							
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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	1	GEORGE et al., "Delaunay Triangulation and Meshing," <i>Hermes</i> , Paris 33-238 (1998); Delaunay triangulation: 33-46, 50-59; Constrained triangulation: 73-99; Parametric surface meshing: 161-173; Optimizations: 215-238	
	2	DAHLQUIST et al., "Numerical Methods," <i>Prentice Hall</i> 284-355 (1974); Interpolation: 284-285; Linear Solver: 146-172; Time-Dependent Solver: 347-355; Eigenvalue Solver: 208-211; Damped Newton Method: 248-253	
	3	BRENNER et al., "The Mathematical Theory of Finite Element Methods," <i>Springer- Verlag</i> 1-12 (1994); The Finite Element Method: 1-12	
	4	FREY et al., "Mesh Generation, Application to Finite Elements," <i>Hermes</i> , Paris 88- 90(2000); Mesh Search: 88-90	
	5	ZIENKIEWICZ et al., "The Finite Element Method," <i>McGraw-Hill</i> 1:23-177; Basis Function: 23-26; Quadrature Formulas, Gauss Points, Weights: 175-177	
	6	DAVENPORT et al., "Computer Algebra Systems and Algorithms for Algebraic Computation," <i>Academic Press</i> 28-32 (1993); Symbolic Differentiation: 28-32	
	7	C. JOHNSON, "Numerical Solution of Partial Differential Equations by the Finite Element Method," <i>Studentlitteratur</i> 14-18 (1987); Test Function 14-18	

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Sheet 2 of 2

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Application Number	09/675,778
Filing Date	September 29, 2000
First Named Inventor	Langemyr et al.
Group Art Unit	2123
Examiner Name	Ayal I. Sharon
Attorney Docket Number	801939/101

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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	8	FEMLAB, "Installation Guide," For Use With MATLAB, WINDOWS, UNIX, LINUX, MACINTOSH; Version 2.2 (COPYRIGHT 1994-2001 by COMSOL AB)	
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	14	FEMLAB®, "Installation and New Features Guide," Version 2.3 (November 2002)	
	15	FEMLAB®, "Reference Manual," Version 1.0 (July 1998)	
	16	FEMLAB, "FEMLAB 2.2: New Features©," (2001) Printed from http://www.technion.ac.il/~leonidb/BursteinSite/Femlb22About.htm	
	17	ANDERSON, D.G., "Iterative Procedures for Nonlinear Integral Equations," <i>Journal of the ACM</i> 12(4):547-560 (1965)	

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